

10073625
INFORMATION DISCLOSURE
STATEMENT
IAP20073625 PTO 28 MAR 2006
Patent Application
Docket No. ARS-124

March 28, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Amanda Proudfoot, Jeffrey Shaw, Zoe Johnson
Filed : March 28, 2006
For : Therapeutic Uses of Chemokine Variants

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. A copy of each cited reference is enclosed. However, Applicants have not submitted a copy of the U.S. patent cited on attached Form PTO/SB/08 pursuant to 37 CFR 1.98(a)(2)(ii).

It is respectfully requested that the references cited on the attached form PTO/SB/08 be considered in the examination of the subject application and that their consideration be made of record.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,



Frank C. Eisenschenk, Ph.D.
Patent Attorney
Registration No. 45,332
Phone No.: 352-375-8100
Fax No.: 352-372-5800
Address: P.O. Box 142950
Gainesville, FL 32614-2950

FCE/fes

Attachments: Form PTO/SB/08; copies of cited references.

JAP20 Rec'd FCT/PTO 28 MAR 2006

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	101573625
				Filing Date	March 28, 2006
				First Named Inventor	Amanda Proudfoot
				Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	ARS-124

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
U1		US-5,739,103	04-14-1998	Yujun, et al.	All
U2		US-			
U3		US-			
U4		US-			
U5		US-			
U6		US-			
U7		US-			
U8		US-			
U9		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			
F1		WO 03/083059	10-09-2003	Centocor, Inc.	All
F2		WO 03/084993	10-16-2003	Applied Research Systems	All
F3					
F4					
F5					
F6					
F7					

Examiner Signature		Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i> 3625	
Sheet	2	of	2	Application Number	105373625
				Filing Date	March 28, 2006
				First Named Inventor	Amanda Proudfoot
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	ARS-124

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	R1	HEMMERICH, S. et al. "Identification of residues in the monocyte chemotactic protein-1 that contact the MCP-1 receptor, CCR2" <i>Biochemistry</i> , October 5, 1999, pp. 13013-13025, Vol. 38, No. 40.			
	R2	KIM, K-S. et al. "Structural characterization of a monomeric chemokine: Monocyte chemoattractant protein-3" <i>FEBS Letters</i> , 1996, pp. 277-282, Vol. 395, Nos. 2-3.			
	R3	PAAVOLA, C.D. et al. "Monomeric monocyte chemoattractant protein-1 (MCP-1) binds and activates the MCP-1 receptor CCR2B" <i>Journal of Biological Chemistry</i> , December 11, 1998, pp. 33157-33165, Vol. 273, No. 50.			
	R4	PROUDFOOT, A.E.I. et al. "Glycosaminoglycan binding and oligomerization are essential for the in vivo activity of certain chemokines" <i>PNAS</i> , February 18, 2003, pp.1885-1890, Vol. 100, No. 4.			
	R5	JARNAGIN, K. et al. "Identification of surface residues of the monocyte chemotactic protein 1 that affect signaling through the receptor CCR2" <i>Biochemistry</i> , 1999, pp. 16167-16177, Vol. 38, No. 49.			
	R6	LAU, E.K. et al. "Identification of the glycosaminoglycan binding site of the CC chemokine, MCP-1" <i>Journal of Biological Chemistry</i> , May 21, 2004, pp. 22294-22305, Vol. 279, No. 21.			
	R7				
	R8				
	R9				
	R10				
	R11				
	R12				
	R13				

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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